

Galectin-3 Mouse Monoclonal Antibody (6G2)

Catalog No: RA10236

Basic Information

Host species	Mouse
Applications	WB, IHC
Species Cross-Reactivity	H
Specificity	Galectin-3 Mouse monoclonal antibody detects endogenous Galectin-3 proteins.
Recommended dilutions	WB: 1:2,000 IHC: 1:200 Optimal dilutions should be determined by the end user.

Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

Background

Alternative Names	
Observed band	26
Human Gene ID	3958
Human Swiss-Prot Number	P17931

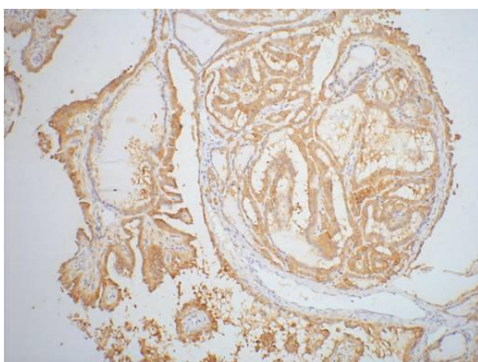
Background

Galectin 3 is one of the more extensively studied members of this family and is a 30 kDa protein. Due to a C-terminal carbohydrate binding site, Galectin 3 is capable of binding IgE and mammalian cell surfaces only when homodimerized or homooligomerized. Galectin 3 is normally distributed in epithelia of many organs, in various inflammatory cells, including macrophages, as well as dendritic cells and Kupffer cells. The expression of this lectin is up-regulated during inflammation, cell proliferation, cell differentiation and through trans-activation by viral proteins.

Selected Validation Data



Western blot analysis of HeLa, with Galectin-3 mAb diluted at 1:3,000.



IHC staining of Human thyroid tissue paraffin-embedded with Galectin-3 mouse mAb (6G2) diluted at 1:200.